



CMMI-Acquisition Update

**Systems and Software Technology Conference
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Interest in Acquisition Process Improvement

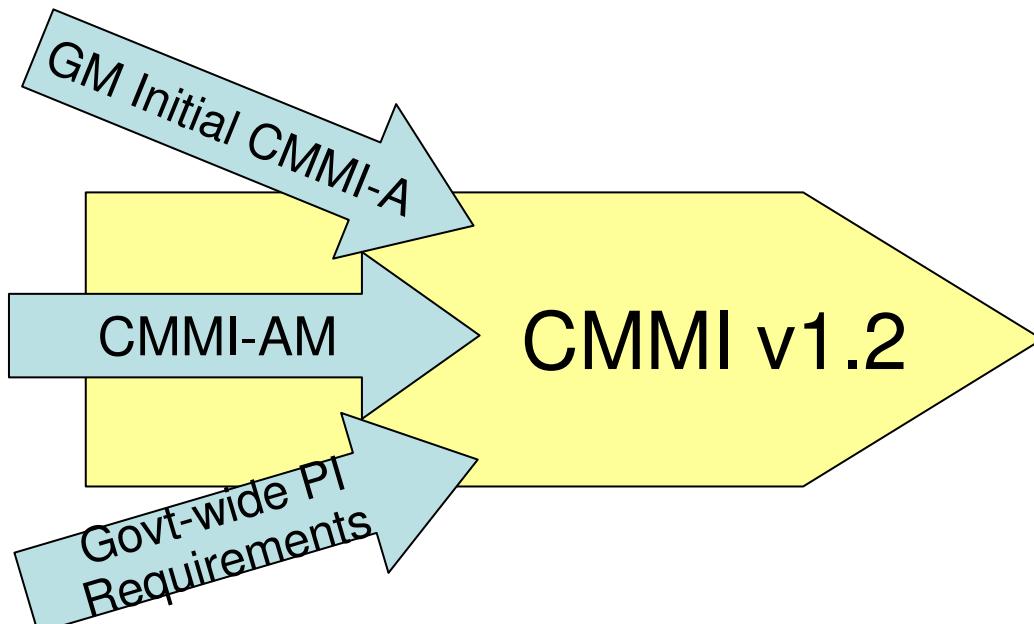
- Congress directed the Department to establish software acquisition process improvement
- OSD led the development of the CMMI-Acquisition Module
- Air Force Space and Missile Command (SMC) developed a CMMI-A for SMC programs
- General Motors and the SEI have initiated a CMMI for Acquisition Organizations Project
- Government Agencies organized under GAO to initiate a Government-wide process improvement effort

“How do I measure PEO capability; credentials?”

LTG Yakovac, 14 Nov 05, CMMI Technical User Conference Keynote



Realizing CMMI-Acquisition



- CMMI-A will be realized through several key inputs, and will use the CMMI v1.2 as a baseline framework
- A full development lifecycle process will be applied, with input from a broad stakeholder community



CMMI-Acquisition Advisory Group

- Representatives from major acquisition community stakeholders
- Initial review and comment on products from the CMMI-A model team
- Ensures CMMI-A considers stakeholder needs
- Coordinates with CMMI-SG to ensure consistency

In process of identifying key stakeholder representatives for the Advisory Group



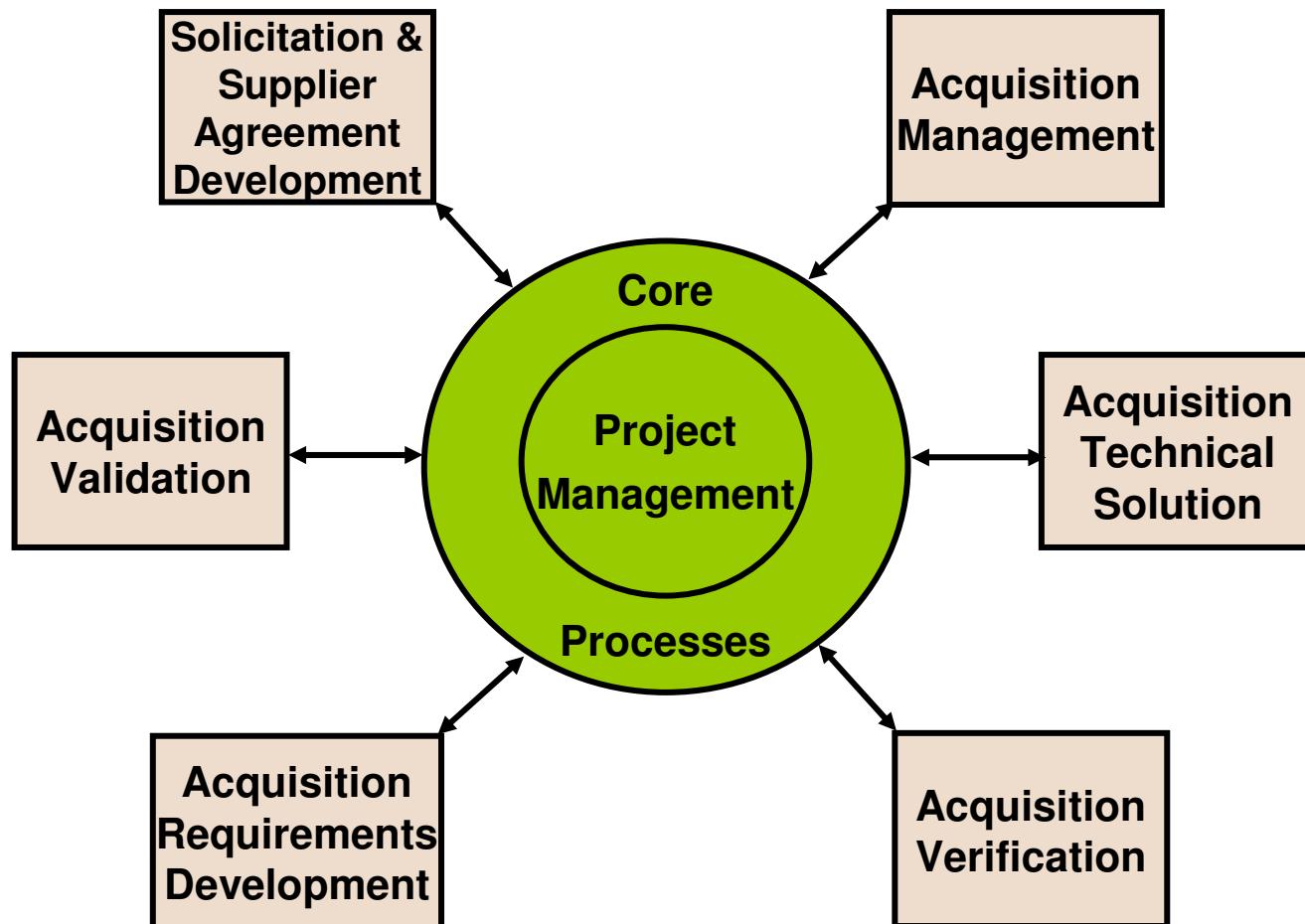
General Motors/SEI Joint Project: The Initial CMMI-Acquisition

- Project Goal: Develop an Acquisition Model that conforms with the CMMI architecture
- Involve industry and government agencies in developing and piloting the initial CMMI-A
- Make the CMMI-A available for initial industry and government use in 2006



Initial CMMI-Acquisition Model

Key Acquisition Processes*



*based on initial CMMI-Acquisition model developed by General Motors/SEI 6



Pilot Participation

- Pilot initial GM CMMI-A version to:
 - Validate requirements
 - Assure Service/Agency/Industry acquirer needs are addressed
 - Enhance acquiring organization understanding of process improvement
- Candidate Pilots
 - General Motors
 - HUD
 - Veterans Affairs
 - Department of Homeland Security
 - SA-CMM users
 - CMMI-AM users (Army, AF SMC, NRO, etc)

Confirming pilot candidates – obtaining PM participation



Tentative Schedule

April-May 2006

Refine General Motors CMMI-A, plan for pilots

June 2006

GM CMMI-A and *initial* training available

June-September 2006

Conduct pilots to refine initial GM model

October-December 2006

Update based upon pilot findings; adapt to CMMI-ACQ

January-February 2007

CMMI-ACQ available for QA and final review

March 2007

Release CMMI-ACQ *Product Suite (Model, Method, Training)*



Summary

- An integrated approach to developing acquisition process improvement
 - Industry involvement
 - Existing process improvement
 - Government-wide needs
- Advisory Board and pilots will shape the final outcome
- This is an opportunity to transform acquirer and supplier relationships and shape the future of process improvement